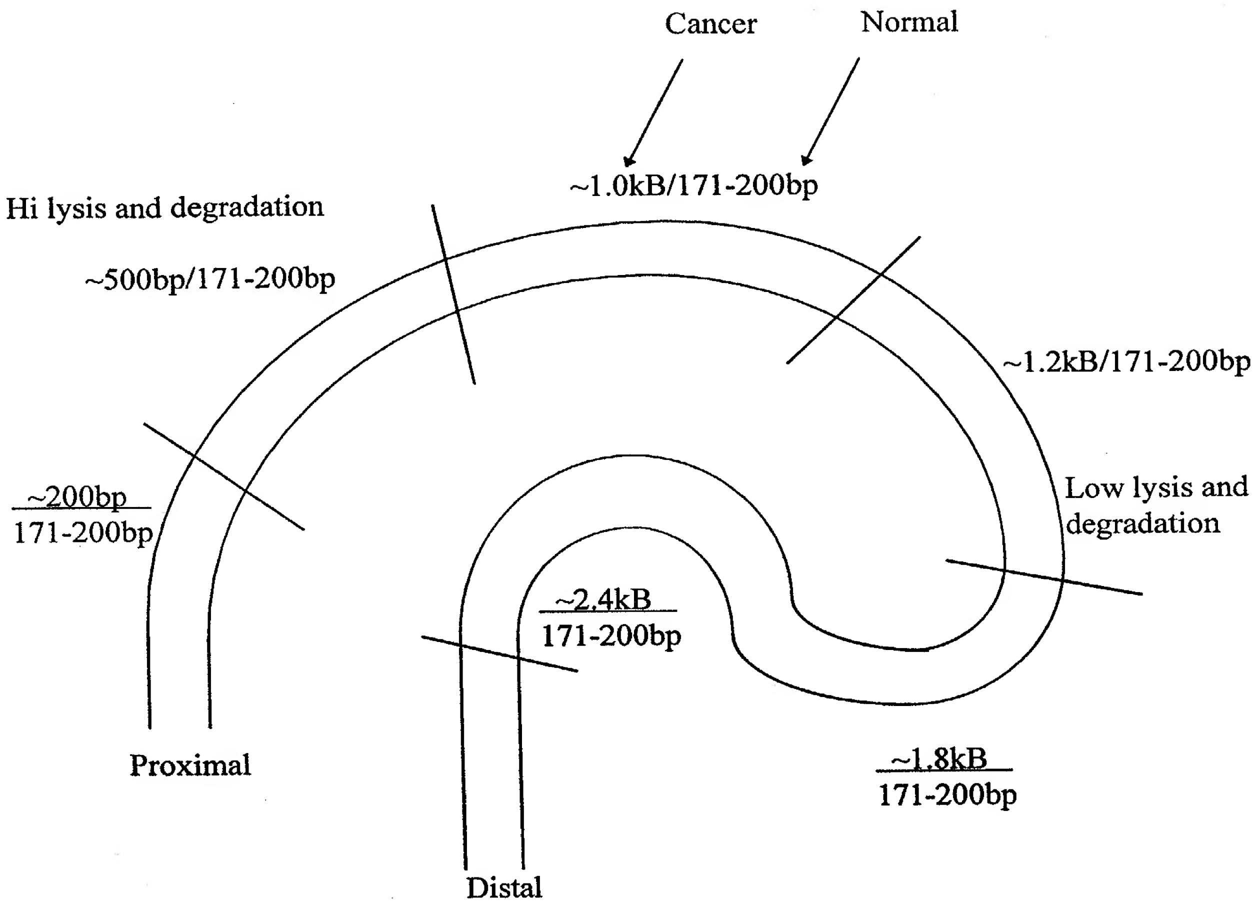
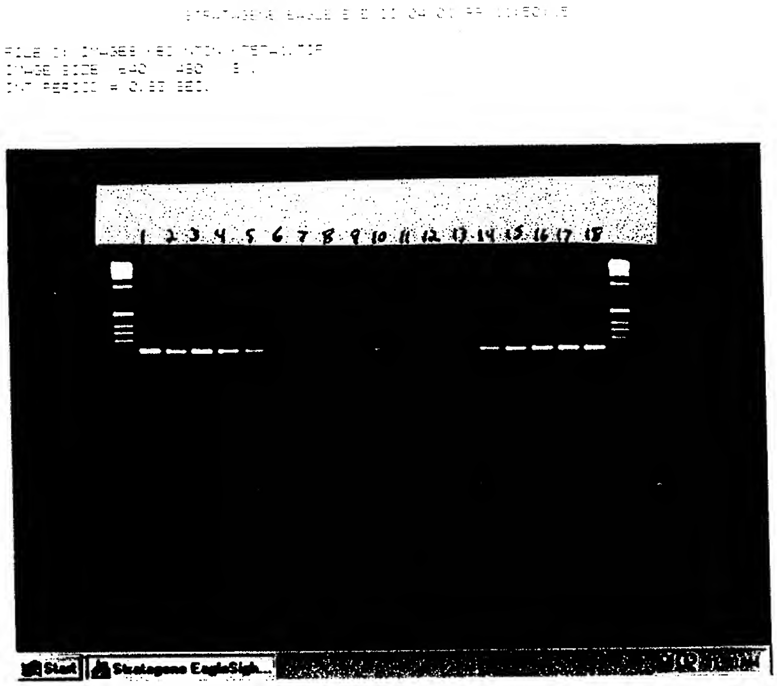

Cancer
Normal
~1.0kB/171-200bp
Hi lysis and degradation
~500bp/171-200bp
~1.2kB/171-200bp
~200bp
171-200bp
Low lysis and degradation
~2.4kB
171-200bp
~1.8kB
171-200bp
Proximal
Distal

Figure 1

Figure 2

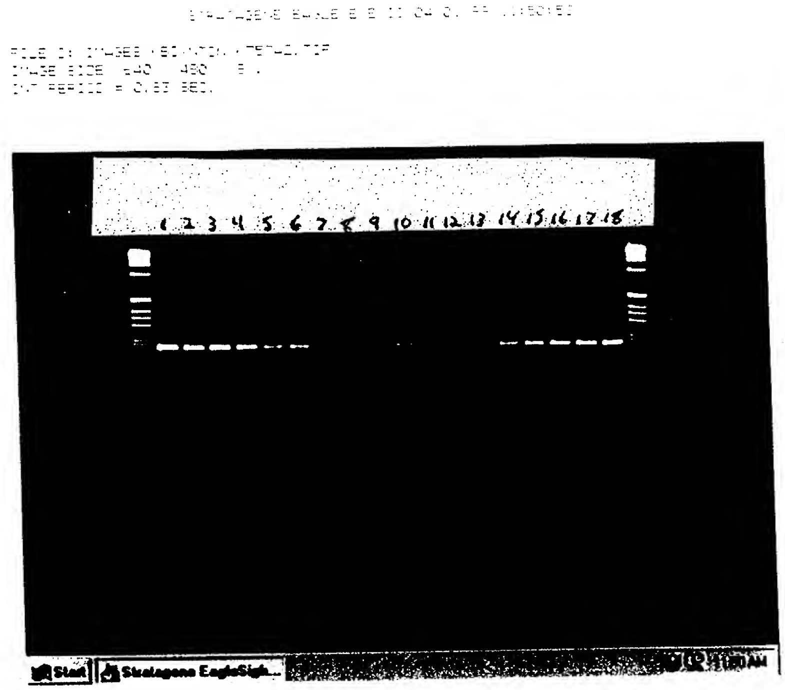


200bp amplifications
33 Cycles

Lane	Q#	Sample Type	Sample Number	Grade
1	7903.8	Abnormal	1	A
2	5627.4	Abnormal	2	A
3	8809.11	Abnormal	3	A
4	5421.94	Abnormal	4	A
5	1838.07	Positive Control		B
6	-549.23	Normal	5	C
7	-715	Normal	6	C
8	-1605.13	Normal	7	C
9	-824.73	Normal	8	C
10	259.77	Normal	9	C
11		Neg Control	-	
12		Neg Control	-	
13	400	400	Standard	
14	2000	2000	Standard	
15	4000	4000	Standard	
16	6000	6000	Standard	
17	8000	8000	Standard	
18	10000	10000	Standard	

A= >2000
B= 500-2000
C= <500

Figure 3

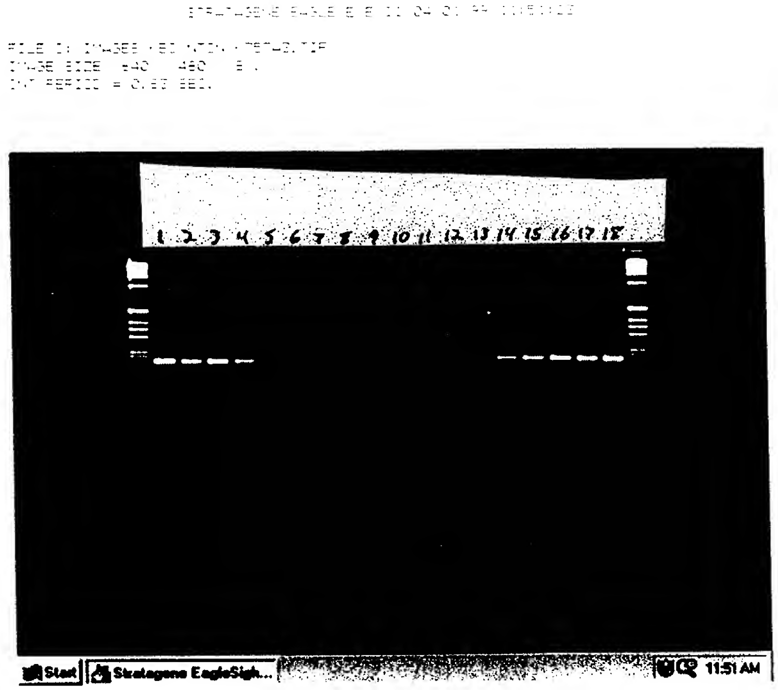


200bp amplifications
35 Cycles

Lane	Q#	Sample Type	Sample Number	Grade
1	10851.04	Abnormal	1	A
2	8862.34	Abnormal	2	A
3	9777.85	Abnormal	3	A
4	6874.28	Abnormal	4	A
5	2392.07	Positive Control		B
6	3080.62	Normal	5	B
7	813.45	Normal	6	C
8	-720.04	Normal	7	C
9	-442.2	Normal	8	C
10	1353.86	Normal	9	B
11		Neg Control	-	
12		Neg Control	-	
13	400	400	Standard	
14	2000	2000	Standard	
15	4000	4000	Standard	
16	6000	6000	Standard	
17	8000	8000	Standard	
18	10000	10000	Standard	

A= >5000
B= 1000-5000
C= <1000

Figure 4

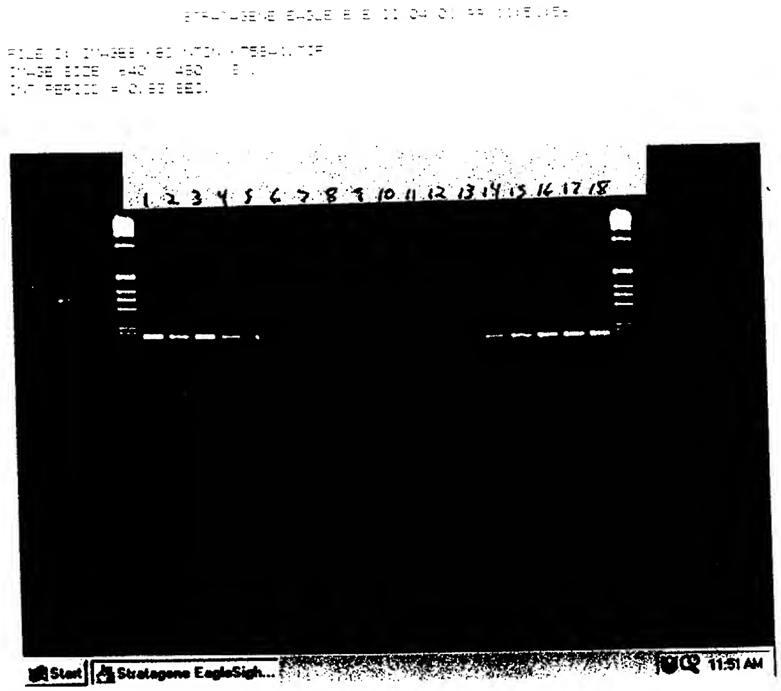


200bp amplifications
34 Cycles

Lane	Q#	Sample Type	Sample Number	Grade
1	8428.34	Abnormal	1	A
2	4917.31	Abnormal	2	A
3	7742.22	Abnormal	3	A
4	3049.85	Abnormal	4	A
5	409.5	Positive Control		B
6	-682.75	Normal	5	C
7	-781.09	Normal	6	C
8	-1099.28	Normal	7	C
9	-1015.39	Normal	8	C
10	359.74	Normal	9	B
11		Neg Control	-	
12		Neg Control	-	
13	400	400	Standard	
14	2000	2000	Standard	
15	4000	4000	Standard	
16	6000	6000	Standard	
17	8000	8000	Standard	
18	10000	10000	Standard	

A= >750
B= 250-750
C= <250

Figure 5

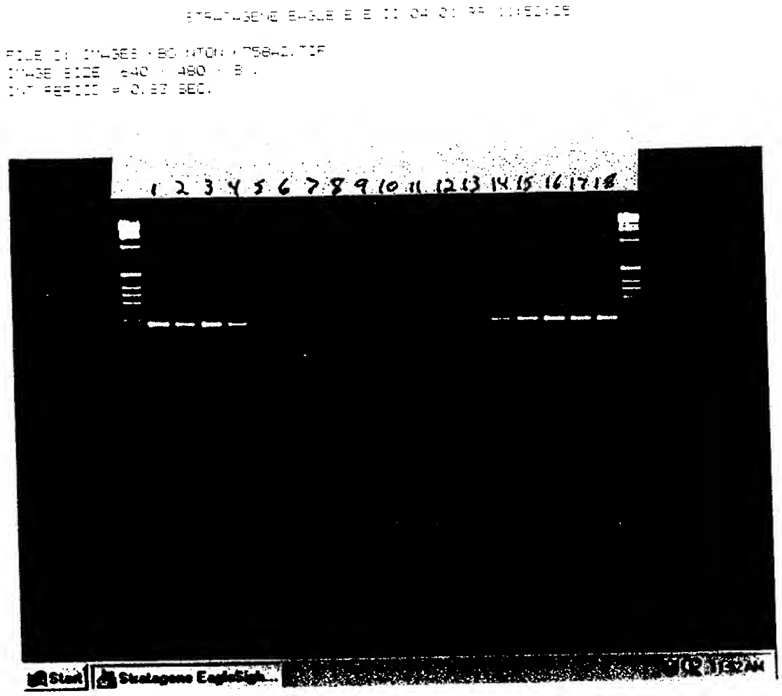


200bp amplifications
33 Cycles

Lane	Q#	Sample Type	Sample Number	Grade
1	7879.15	Abnormal	1	A
2	4079.09	Abnormal	2	A
3	7995.95	Abnormal	3	A
4	2600.3	Abnormal	4	A
5	1698.19	Positive Control		B
6	-405.32	Normal	5	C
7	-466.15	Normal	6	C
8	-1046.47	Normal	7	C
9	-764.83	Normal	8	C
10	105.05	Normal	9	C
11		Neg Control	-	
12		Neg Control	-	
13	400	400	Standard	
14	2000	2000	Standard	
15	4000	4000	Standard	
16	6000	6000	Standard	
17	8000	8000	Standard	
18	10000	10000	Standard	

A= >2000
B= 500-2000
C= <500

Figure 6

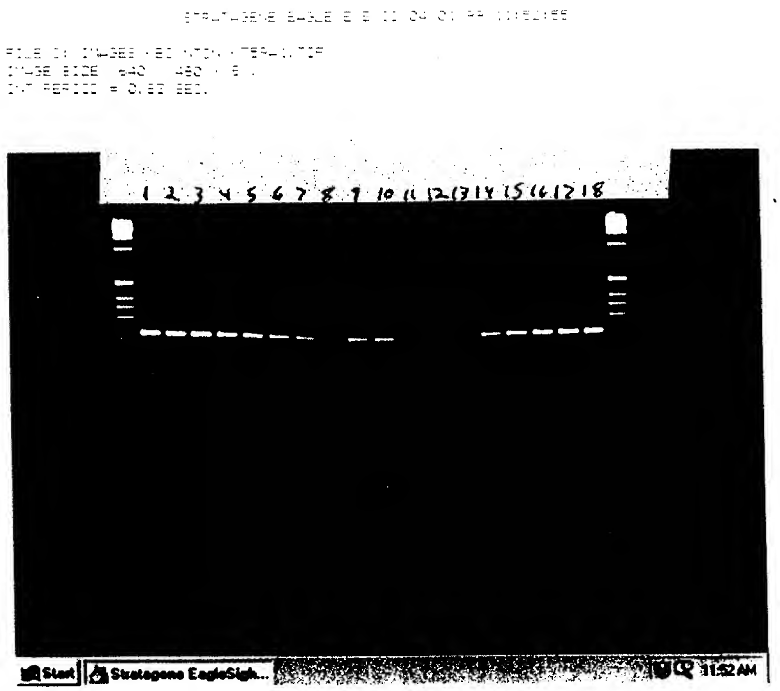


200bp amplifications
34 Cycles

Lane	Q#	Sample Type	Sample Number	Grade
1	7852.95	Abnormal	1	A
2	4797.07	Abnormal	2	A
3	8543.47	Abnormal	3	A
4	3597.23	Abnormal	4	A
5	943.84	Positive Control		B
6	-296.7	Normal	5	C
7	-5.48	Normal	6	C
8	-896.94	Normal	7	C
9	-196.87	Normal	8	C
10	414.81	Normal	9	C
11		Neg Control	-	
12		Neg Control	-	
13	400	400	Standard	
14	2000	2000	Standard	
15	4000	4000	Standard	
16	6000	6000	Standard	
17	8000	8000	Standard	
18	10000	10000	Standard	

A= >2000
B= 500-2000
C= <500

Figure 7

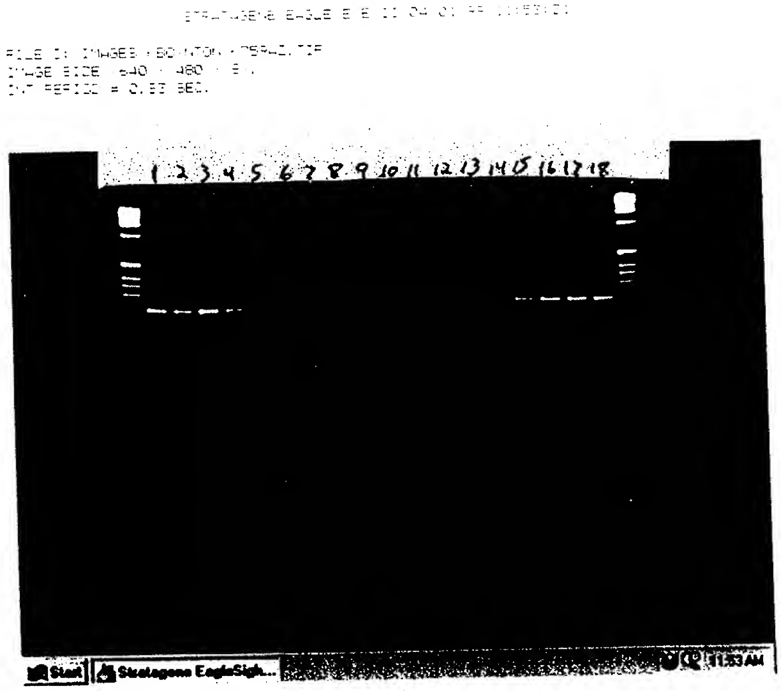


200bp amplifications
34 Cycles

Lane	Q#	Sample Type	Sample Number	Grade
1	7660.6	Abnormal	1	A
2	7032.89	Abnormal	2	A
3	8364.31	Abnormal	3	A
4	6892.04	Abnormal	4	A
5	4883.47	Positive Control		A
6	1934.67	Normal	5	B
7	1380.84	Normal	6	B
8	-964.17	Normal	7	C
9	1729.51	Normal	8	B
10	2221.69	Normal	9	B
11		Neg Control	-	
12		Neg Control	-	
13	400	400	Standard	
14	2000	2000	Standard	
15	4000	4000	Standard	
16	6000	6000	Standard	
17	8000	8000	Standard	
18	10000	10000	Standard	

A= >5000
B= 1000-5000
C= <1000

Figure 8



200bp amplifications
33 Cycles

Lane	Q#	Sample Type	Sample Number	Grade
1	8519.13	Abnormal	1	A
2	5745.19	Abnormal	2	A
3	9765.65	Abnormal	3	A
4	4153.79	Abnormal	4	A
5	1869.33	Positive Control		B
6	418.37	Normal	5	C
7	405.91	Normal	6	C
8	-258.08	Normal	7	C
9	141.64	Normal	8	C
10	450.78	Normal	9	C
11		Neg Control	-	
12		Neg Control	-	
13	400	400	Standard	
14	2000	2000	Standard	
15	4000	4000	Standard	
16	6000	6000	Standard	
17	8000	8000	Standard	
18	10000	10000	Standard	

A= >2000
B= 500-2000
C= <500

Figure 9

1.8 kb amplifications
36 Cycles

Lane	Q#	Sample
1		Neg Control
2	102.935	Abnormal
3	260.645	Abnormal
4	0.075	Normal
5	48.305	Abnormal
6	0.045	Normal
7	18.575	Normal
8		Neg Control
9		Neg Control
10	75	75
11	125	125
12	250	250
13	500	500
14	1000	1000

Abnormal / Normal cutoff 40

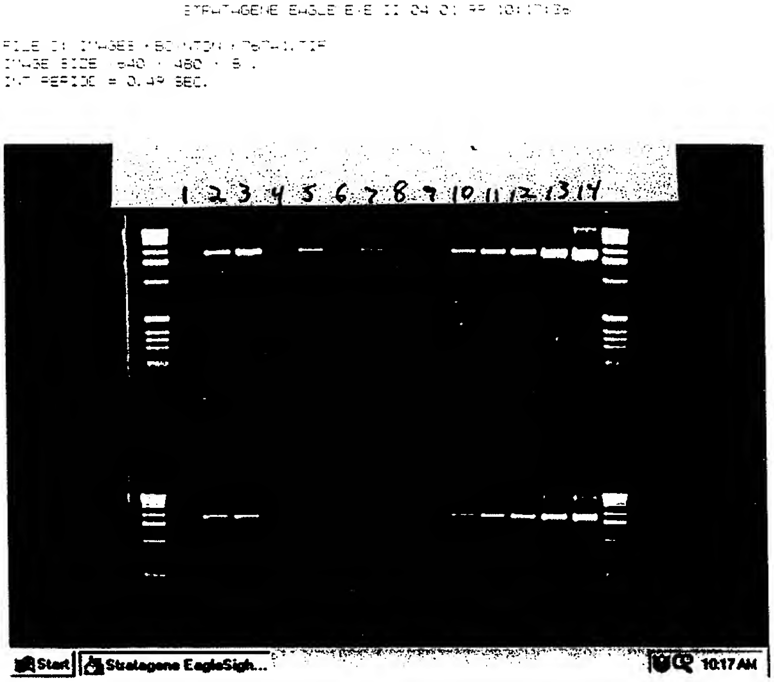


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Figure 10

1.8 kb amplifications
38 Cycles

Lane	Q#	Sample
1		Neg Control
2	81.84	Abnormal
3	91.515	Abnormal
4	0.04	Normal
5	24.86	Abnormal
6	0.88	Normal
7	17.25	Normal
8		Neg Control
9		Neg Control
10	75	75
11	125	125
12	250	250
13	500	500
14	1000	1000

Abnormal / Normal cutoff 20

STRATAGENE EAGLE EYE II 04 01 99 10:17:02

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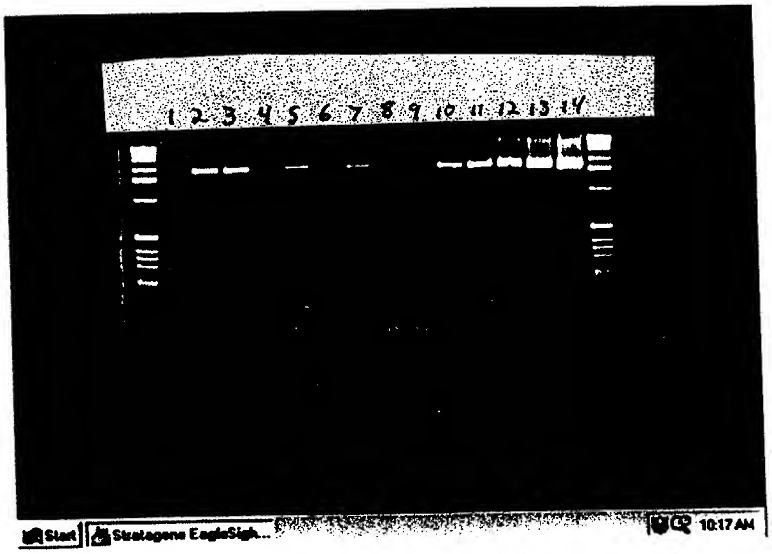

Figure 11

1.8 kb amplifications
40 Cycles

Lane	Q#	Sample
1		Neg Control
2	70.72	Abnormal
3	92.78	Abnormal
4	96.76	Abnormal
5	0.00	Normal
6	29.85	Abnormal
7	0.00	Normal
8	2.00	Normal
9		Neg Control
10		Neg Control
11	75	75
12	125	125
13	250	250
14	500	500
15	1000	1000
16	2000	2000

Abnormal / Normal cutoff 10